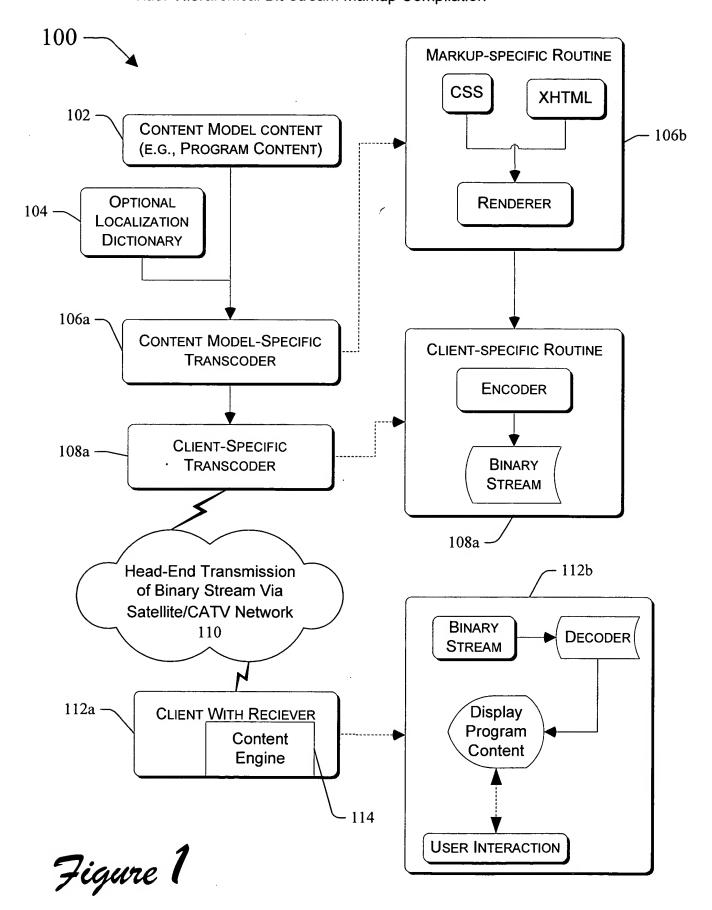
Docket No: Inventors:

MS1-1790US Soldan, et al.

1 of 9

lee@hayes

Title: Hierarchical Bit Stream Markup Compilation * * *

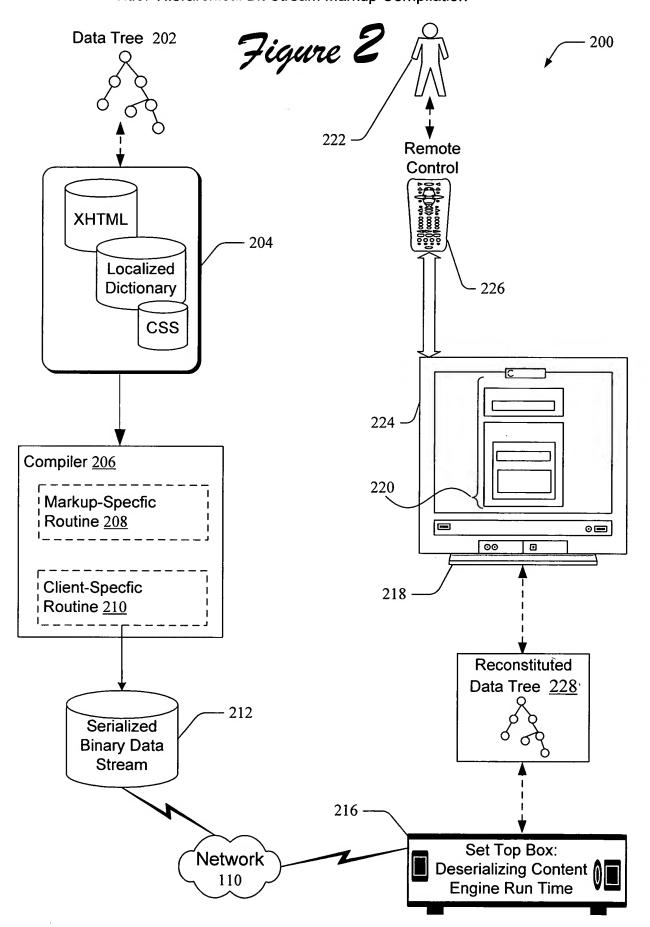


Docket No: Inventors:

MS1-1790US Soldan, et al. 2 of 9

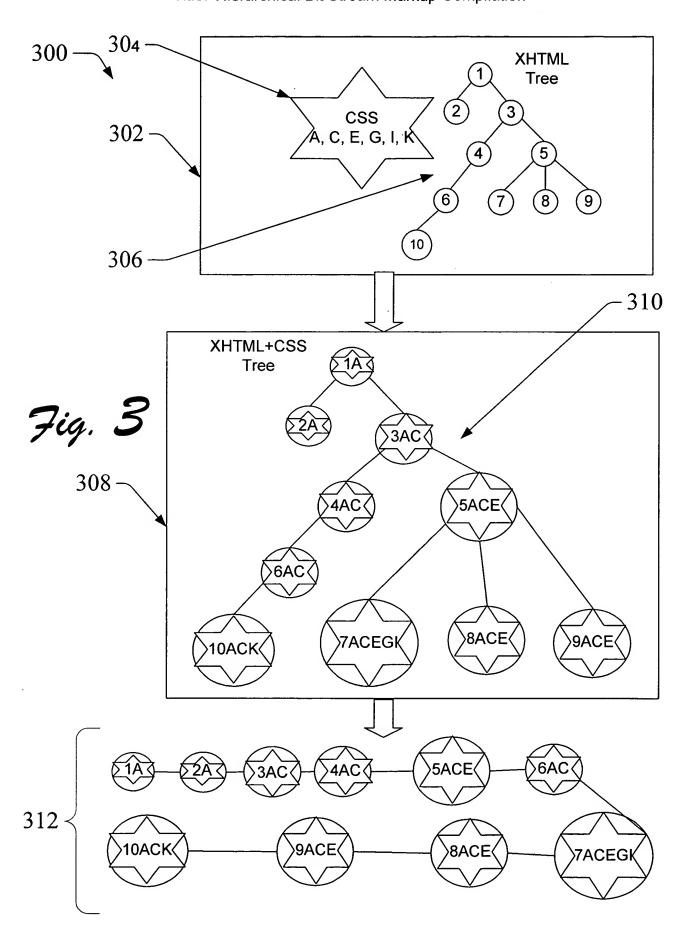


Title: Hierarchical Bit Stream Markup Compilation * * *



Docket No: MS1-1790US 3 of 9 · Inventors: Soldan, et al.

Title: Hierarchical Bit Stream Markup Compilation * * *

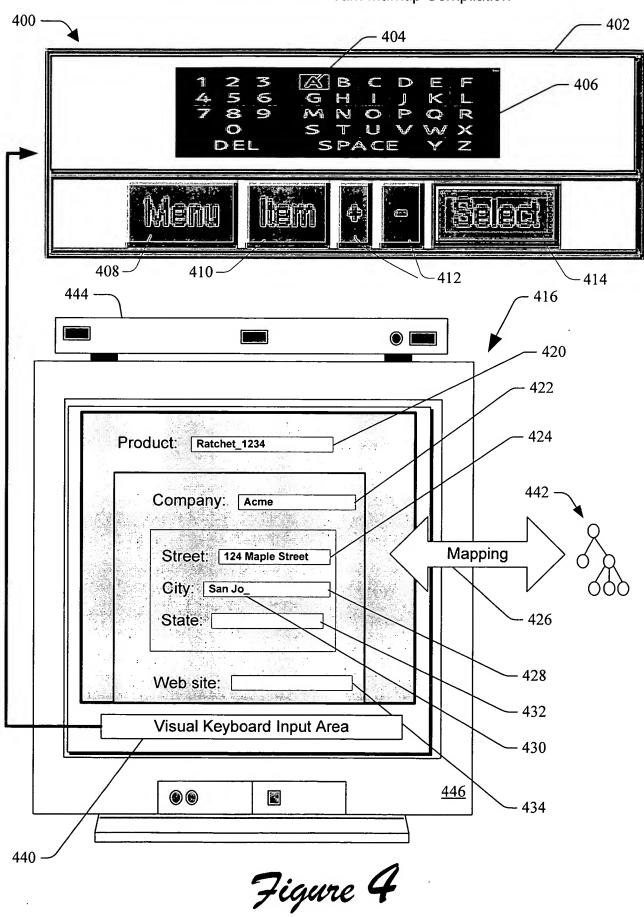


Docket No: MS1-Inventors: Solda

MS1-1790US Soldan, et al. 4 of 9

lee@hayes

Title: Hierarchical Bit Stream Markup Compilation **



Docket No: MS1-1790US 5 of 9 Inventors: Soldan, et al.

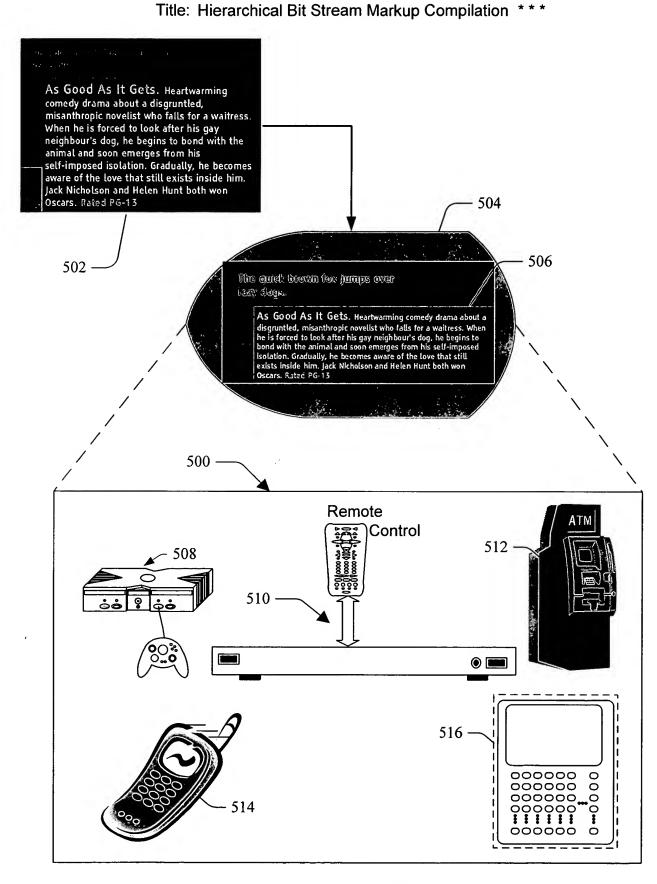


Figure 5

MS1-1790US 6 of 9 Docket No: lee@hayes Soldan, et al. Inventors: Title: Hierarchical Bit Stream Markup Compilation 600 Receive XHTML+CSS Video Content At Markup-specfic Routine 602 Form Hierarchical Tree Of Nodes From XHTML 604 Pre-cascade CSS Using CSS Parser With XHTML Tree Of Nodes To Generate A Rendering-style Record For Each Condition For 606 Display Objects In The Video Content Compile Hierarchical Tree Of Nodes Into Serialized Binary Data That Includes, For Each Node, Information Corresponding To 608 The Corresponding Hierarchy And Rendering-style Record Server Transmits Serialized Binary Data 610 Client Receives The Serialized Binary Data From The Server 612 Deserialize Serialized Binary Data Using A DOM To Represent Each Node Of The Hierarchical Tree And 614 The Respective Information Corresponding Thereto Calculate Layout Presentation For Hierarchical Tree Nodes, Including Sizing And Reflow Of Display Objects 616 Against The Predetermined Size Of The Layout Presentation Call One Or More Draw Functions To Output The Layout Presentation 618 Receive And Process User Input 620 622 Server Call? tig. 6

Docket No: MS1-1790US Inventors: Soldan, et al.

7 of 9



Title: Hierarchical Bit Stream Markup Compilation **

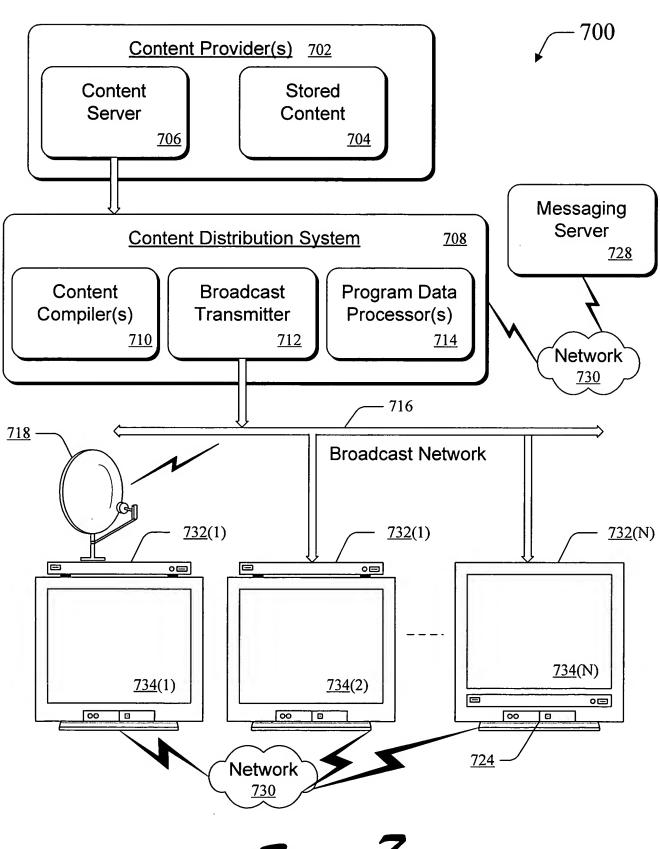


Figure 7

Docket No: Inventors:

MS1-1790US Soldan, et al.

8 of 9



Title: Hierarchical Bit Stream Markup Compilation **

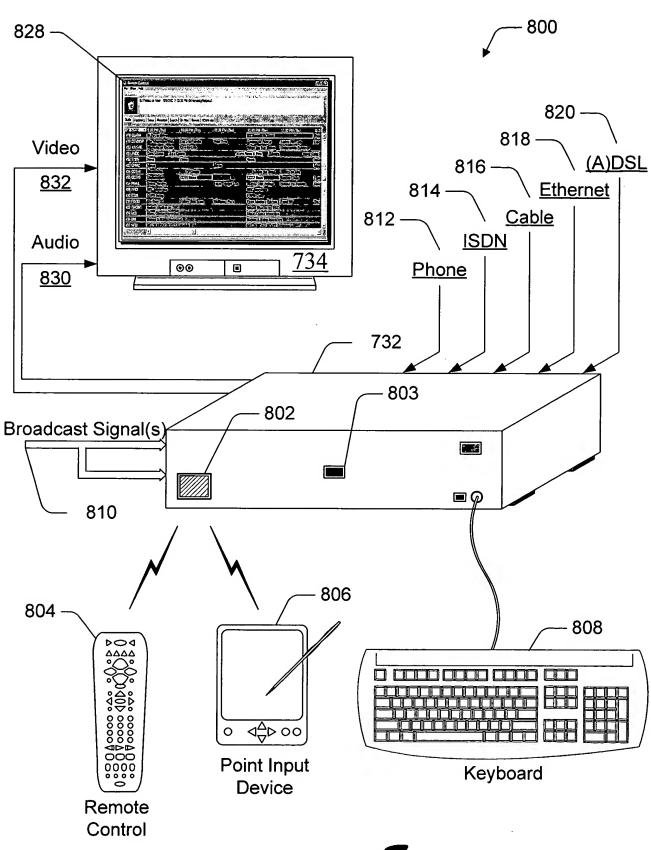


Figure 8

Docket No: MS1-1790US 9 of 9 Inventors: Soldan, et al.

Title: Hierarchical Bit Stream Markup Compilation

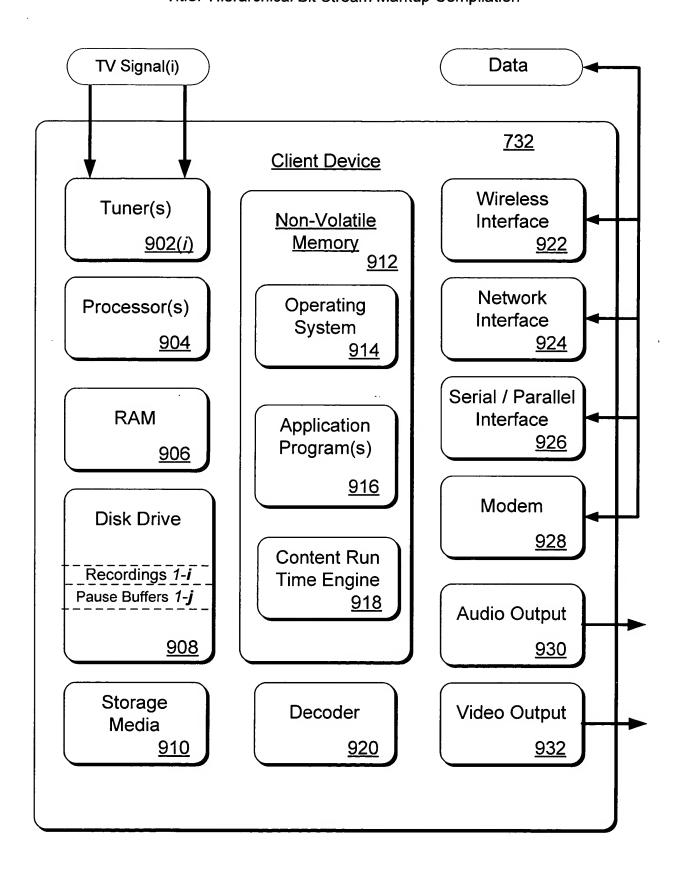


Figure 9